1. (Twice Amended) A computer system for automatic synchronization of scripting variables between a page including action tags and a tag library, the computer system comprising:

a page suitable for building an application with dynamic web content, the page including one or more action tags;

a tag library;

a TagExtraInfo object for each action tag in the page, the TagExtraInfo object including a method that returns a list of available scripting variables and a variable type associated with each scripting variable that is defined or modified by its associated action tag;

a pageContext object for the page, the pageContext object including a mapping of at least one scripting variable in the list of available scripting variables to a value that is or can be represented in the tag library, thereby allowing synchronization of the at least one scripting variable between the page and the tag library by using the value provided in the mapping.

2. (Once Amended) The computer system of Claim 1, wherein when the page is translated, a translator consults the TagExtraInfo object to obtain the list of available scripting variables.

3. (Twice Amended) The computer system of Claim 2, wherein the pageContext object is created when the page is executed.

4. (Twice Amended) The computer system of Claim 3, wherein the TagExtraInfo object comprises:

a valid object name for each variable;

a type for each variable; and

a scope parameter that specifies a variable's scope relative to the page.

6. (Twice Amended) The computer system of Claim 1, wherein the page is executed on a server that implements a container, and the page is converted to a platform independent code that is executed on the server.

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7. (Twice Amended) A method for automatically synchronizing scripting variables between a page including one or more action tags and a tag library, the method comprising:

creating for each action tag included in the page a TagExtraInfo object that includes a list of available scripting variables and a variable type associated with each scripting variable that is defined or modified by its associated action tag;

translating the page by referring to the list of scripting variables in the TagExtraInfo object associated with each action tag in the page;

executing the page;

creating for the page at execution, a pageContext object that includes a mapping of scripting variables to values that are or can be represented in the tag library; and

synchronizing the scripting variables between the page and the tag library by using the values that are provided in the mapping of the PageContext object.

8. (Twice Amended) The method of Claim 7, wherein the TagExtraInfo object comprises:

a valid object name for each variable;

a type for each variable; and

a scope parameter that specifies a variable's scope relative to the page.

10. (Twice Amended) The method of Claim 1, wherein the page is executed on a server that implements a container, and the page is converted to platform independent code that is executed on the server.

13. (Twice Amended) A computer readable media including computer program code for automatically synchronizing scripting variables between a page including one or more action tags and a tag library, the computer readable media comprising:

computer program code for creating for each action tag included in the page a TagExtraInfo object that contains a list of available scripting variables and a variable type associated with each variable that is defined or modified by its associated action tag;

computer program code for translating the page by referring to the list of scripting variables in the TagExtraInfo object associated with each action tag in the page;

computer program code for executing the page; and

computer program code for creating for the page at execution a pageContext object that contains a mapping of scripting variables to values that are or can be represented in the tag library; and

computer program code for synchronizing the scripting variables between the page and the tag library by using the values that are provided in the mapping of the PageContext object.

14. (Twice Amended) A computer readable medium as recited in claim 13, wherein the TagExtraInfo object comprises:

a valid object name for each variable;

a type for each variable; and

a scope parameter that specifies a variable's scope relative to the page.

15. (Once Amended) A computer readable medium as recited in claim 13, wherein the page is converted to a first programming code which is different than a second programming code that is used to implement the tag library.

16. (Once Amended) A computer readable medium as recited in claim 13, wherein the page is executed on a server that implements a container, and the page is converted to a platform independent code that is executed on the server.

17. (New) A computer system as recited in claim 1, wherein the page is converted to a first programming code which is different than a second programming code that is used to implement the tag library.

18. (New) A method as recited in claim 7, wherein the page is written in a first programming code which is different than a second programming code that is used to implement the tag library.